

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 09/934,156 Confirmation No. 7387  
Applicant : David Roth Rigney  
Filed : August 21, 2001  
TC/A.U. : 1631  
Examiner : Cheyne D. Ly

**(Supplemental) Information Disclosure Statement**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

July 7, 2004 mailed by Express Mail No. ER 826633934 US

Dear Commissioner:

This Information Disclosure Statement (IDS) supplements the original IDS that was sent on 11/19/2001 for the application referenced above. The numbering of the original citations ended with No. 23, so the citations for this supplemental IDS begin with No. 24.

This supplemental IDS is being sent along with the response to an Office Action dated January 8, 2004 for the application referenced above. This IDS includes a completed Form PTO-1449 (substitute PTO/SB/08 B), along with copies of the pertinent parts of the references cited on the Form. One of the references (Cite No. 28) is being provided as Attachment 3 for the accompanying Declaration of David R. Rigney. All of the references are in English.

The following comments on the relevance of the references pertain to the Office Action of January 8, 2004 and the accompanying response to that Office Action.

(Cite No. 24) SONNHAMMER et al. is referred to in paragraph 7E of the response to the office action, in connection with comments made on page 3, paragraph 7 of the office action.

(Cite No. 25) TAMAMES et al. is referred to in paragraph 14A of the response to the office action, in connection with an elaboration on the remarks made by Andrade et al (1999) on its page 398.

(Cite No. 26) ANDRADE and Valencia is referred to in paragraph 8F of the response to the office action, in connection with remarks made by Andrade et al (1999) on its page 409.

(Cite No. 27) CHAUSSABEL and Sher is not prior art. It is referred to in paragraph 8I of the response to the office action, in connection with the difficulties of using boolean queries with Entrez PubMed.

(Cite No. 28) BUTLER is a reference included as Attachment 3 to the accompanying Declaration of David R. Rigney, for use in characterizing the knowledge possessed by an ordinary artisan.

Sincerely yours,

*David R Rigney*

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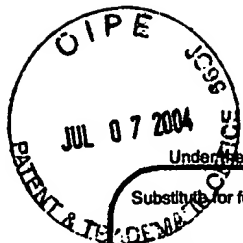
I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated below and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Printed Name: David R. Rigney

Date of Deposit: July 7, 2004

Signature: *David R Rigney*

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

<b>Application Number</b>	09/934,156	
	<b>Filing Date</b>	08/21/2001
	<b>First Named Inventor</b>	David R. Rigney
	<b>Art Unit</b>	1631
	<b>Examiner Name</b>	Cheyne D. Ly
<b>Attorney Docket Number</b>		

Sheet	1	of	1
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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	24	SONNHAMMER, E.L.L., S.R. Eddy, and R. Durbin. Pfam: a comprehensive database of protein domain families based on seed alignments. PROTEINS 28: 405-420 (1997).	
	25	TAMAMES, J., C. Ouzounis, G. Casari, C. Sander, and A. Valencia. EUCLID: automatic classification of proteins in functional classes by their database annotations. Bioinformatics 14: 542-543 (1998)	
	26	ANDRADE, M.A. and A. Valencia. Automatic extraction of keywords from scientific text: application to the knowledge domain of protein families. Bioinformatics 14: 600-607 (1998)	
	27	CHAUSSABEL, D. and A. Sher. Mining microarray expression data by literature profiling. Genome Biology 2002, 3(10):research0055.1-0055.16 (2002)	
	28	BUTLER, B.A. Sequence analysis using GCG, Chapter 4 (pp.74-97) in A.D.Baxevanis and B.F.F. Ouellette, eds. Bioinformatics. A Practical Guide to the Analysis of Genes and Proteins. New York: Wiley Interscience, 1998.	

<b>Examiner Signature</b>		<b>Date Considered</b>	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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